



# ***STIC Search Report***

## ***Biotech-Chem Library***

**STIC Database Tracking Number: 200780**

**TO: Satyanarayana Gudibande**  
**Location: 3a20 / 3c18**  
**Thursday, September 07, 2006**  
**Art Unit: 1654**  
**Phone: 571-272-8146**  
**Serial Number: 10 / 078247**

**From: Jan Delaval**  
**Location: EIC 1700**  
**Remsen 4b30**  
**Phone: 571-272-2504**  
  
**jan.delaval@uspto.gov**

### **Search Notes**

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:29:07 ON 07 SEP 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 SEP 2006 HIGHEST RN 905963-91-9

DICTIONARY FILE UPDATES: 6 SEP 2006 HIGHEST RN 905963-91-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d sta que 12

L2 621096 SEA FILE=REGISTRY ABB=ON PLU=ON (R.R){2-10}R|(R.){3-10}R|(R..){2-10}R|(R...){2-10}R/SQSP

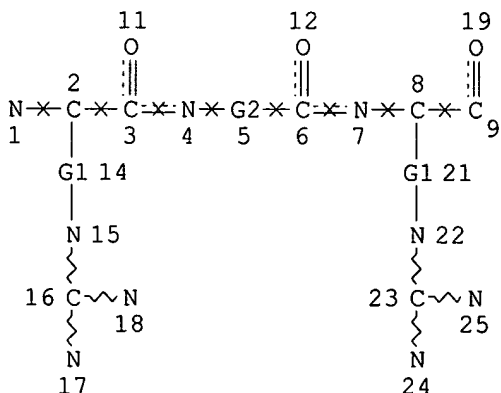
=> d sta que 130

L30 363 SEA FILE=REGISTRY ABB=ON PLU=ON ^{(R.R){2-10}R^}|^{(R.){3-10}R^}|^{(R..){2-10}R^}|^{(R...){2-10}R^}/SQSP

=> d sta que 126

L2 621096 SEA FILE=REGISTRY ABB=ON PLU=ON (R.R){2-10}R|(R.){3-10}R|(R..){2-10}R|(R...){2-10}R/SQSP

L13 STR



REP G1=(3-3) C

REP G2=(2-20) C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

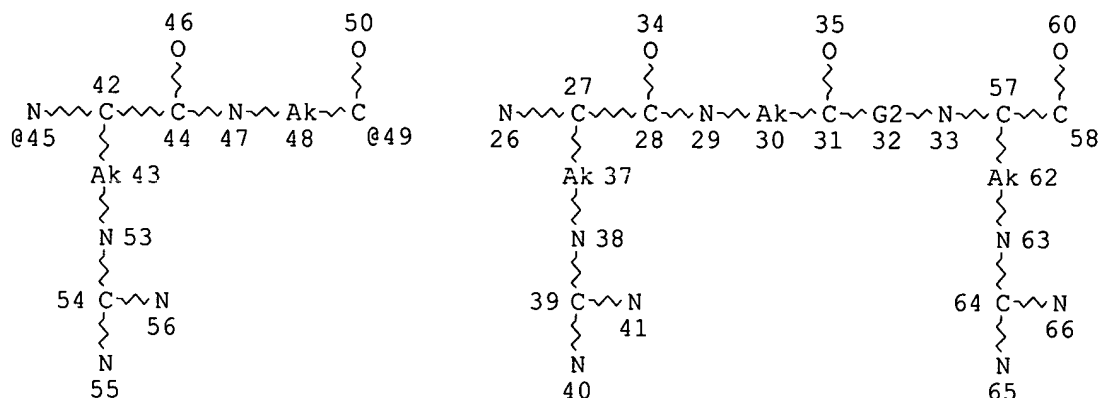
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L15 3452 SEA FILE=REGISTRY SSS FUL L13

L19 STR



REP G2=(1-10) 45-31 49-33

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 26

CONNECT IS M1 RC AT 58

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS UNLIMITED AT 26 27 28 29 31 33 34 35 38 39 40 41 42 44 45 46  
47 49 50 53 54 55 56 57 58 60 63 64 65 66

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 36

STEREO ATTRIBUTES: NONE

L21 75 SEA FILE=REGISTRY SUB=L15 CSS FUL L19

L22 25 SEA FILE=REGISTRY ABB=ON PLU=ON L21 NOT AMINOHEXANOYL

L23 50 SEA FILE=REGISTRY ABB=ON PLU=ON L21 NOT L22

L24 1 SEA FILE=REGISTRY ABB=ON PLU=ON L23 AND C78H152N34O14

L25 1 SEA FILE=REGISTRY ABB=ON PLU=ON L23 AND C105H175N37O19S

L26 2 SEA FILE=REGISTRY ABB=ON PLU=ON (L24 OR L25) AND L2

=> d ide can tot 126

L26 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN

RN 457633-17-9 REGISTRY

ED Entered STN: 01 Oct 2002

CN L-Arginine, L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl- (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C78 H152 N34 O14

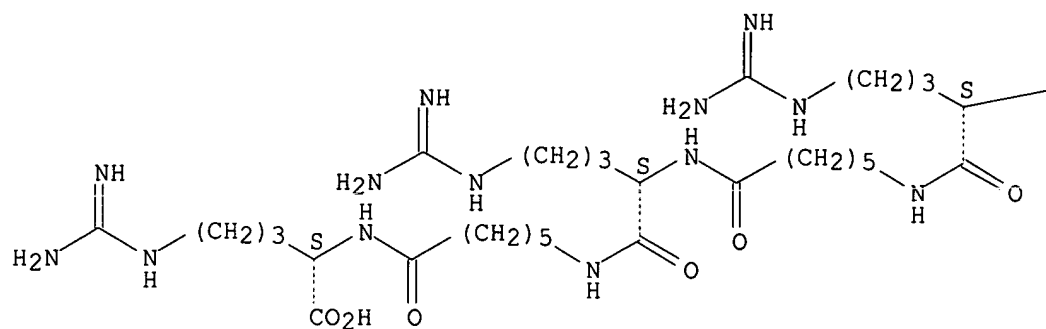
SR CA

LC STN Files: CA, CAPLUS, CHEMCATS

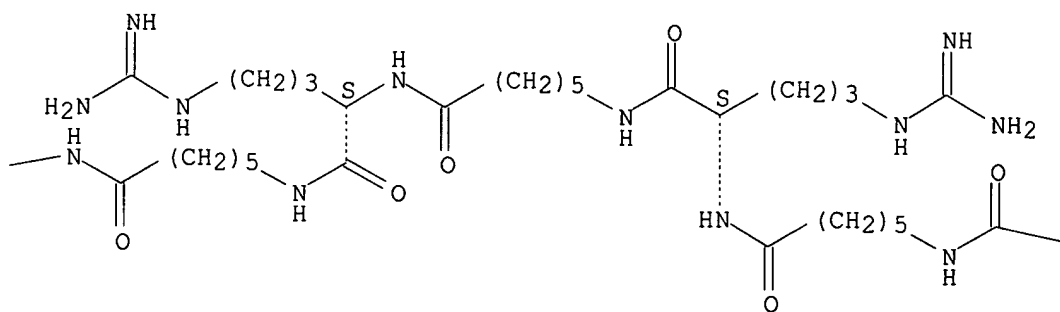
\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

Absolute stereochemistry.

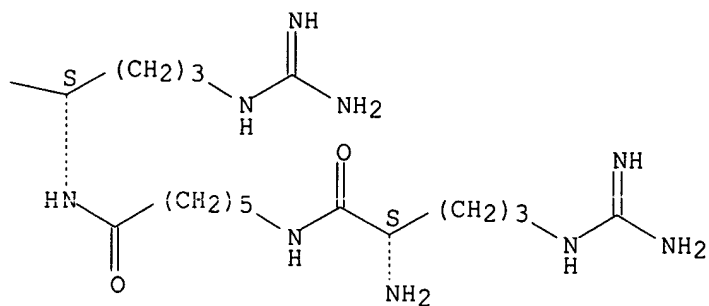
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PAGE 1-C



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:210414

L26 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN

RN 452337-26-7 REGISTRY

ED Entered STN: 18 Sep 2002

CN L-Argininamide, N2-[6-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen)-5-yl]amino]thioxomethyl]amino]-1-oxohexyl]-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl-L-arginyl-6-aminohexanoyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 24: PN: W002065986 TABLE: 1 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C105 H175 N37 O19 S

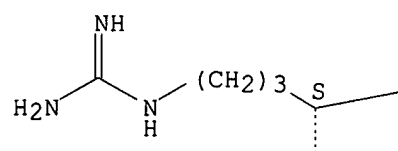
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

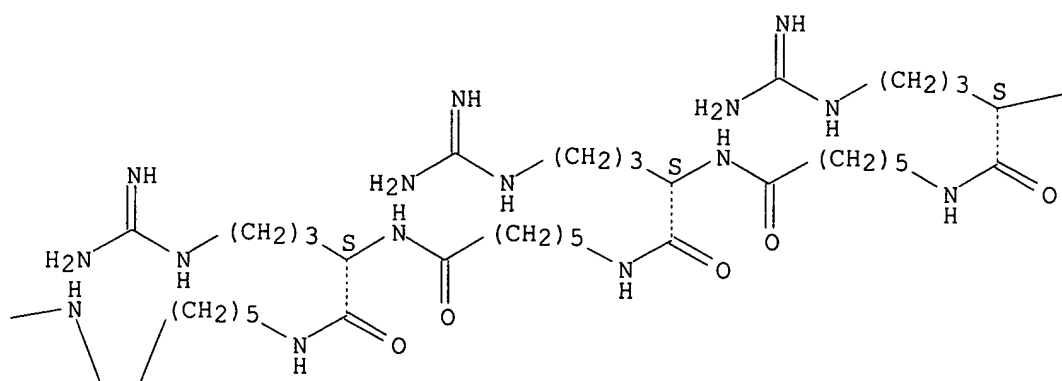
\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

Absolute stereochemistry.

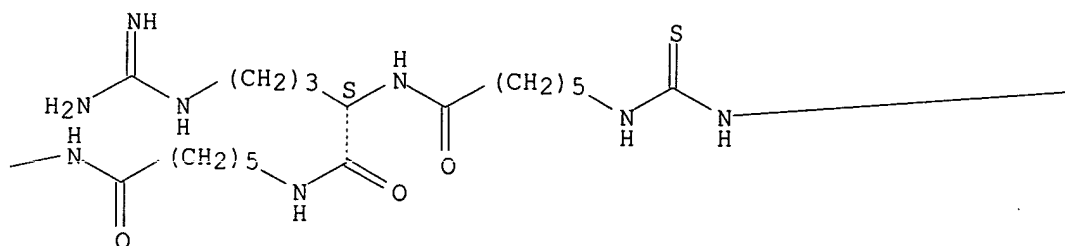
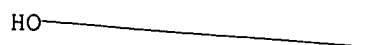
PAGE 1-A



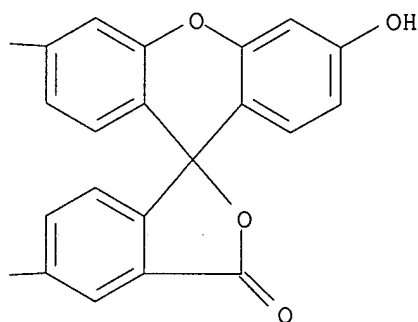
PAGE 1-B



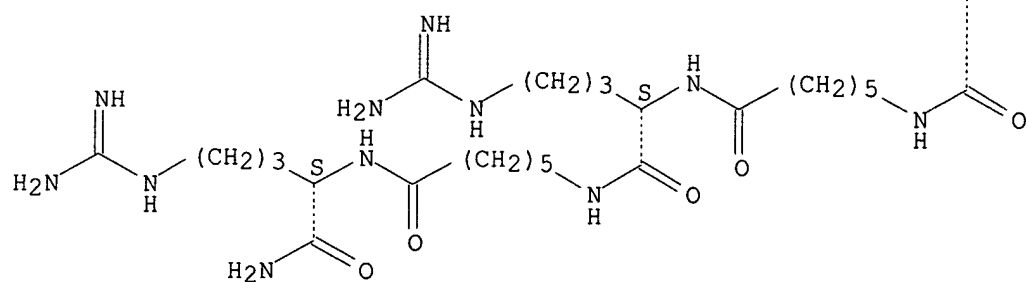
PAGE 1-C



PAGE 1-D



PAGE 2-A



PAGE 2-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

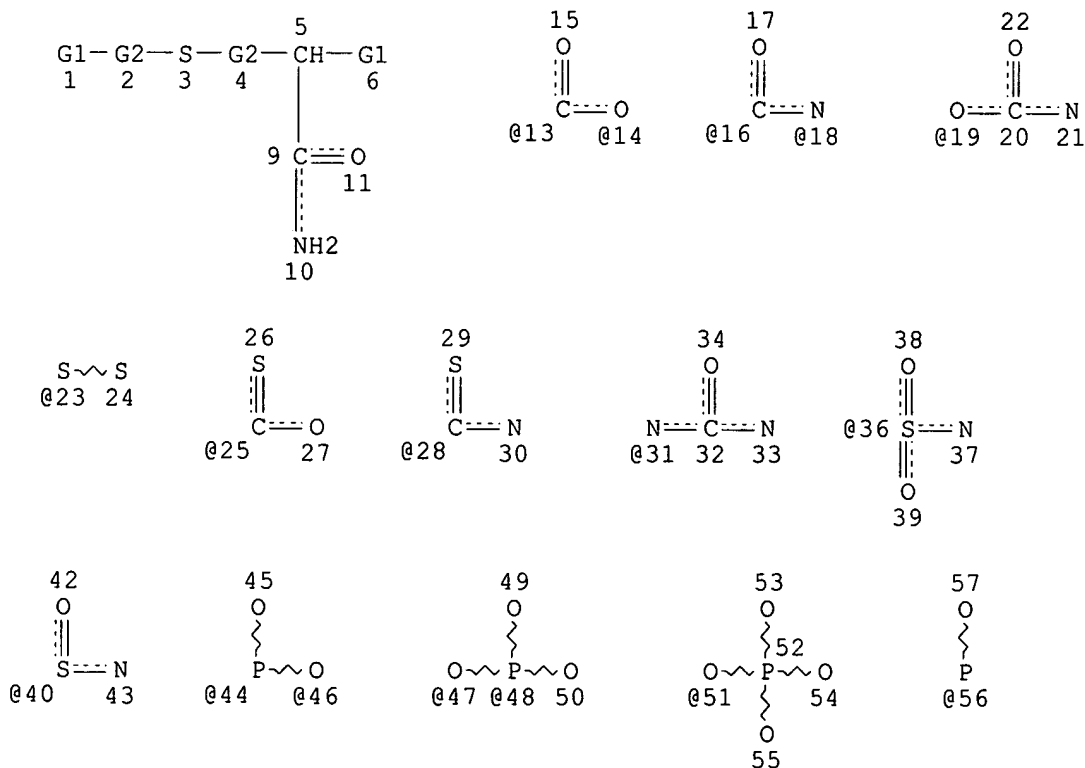
REFERENCE 1: 137:210414

REFERENCE 2: 137:206525

=&gt; =&gt; d sta que 15

L2 621096 SEA FILE=REGISTRY ABB=ON PLU=ON (R.R){2-10}R|(R.){3-10}R|(R..  
) {2-10}R|(R...) {2-10}R/SQSP

L3 STR



VAR G1=13/14/16/18/19/23/25/28/31/36/40/44/46/47/48/51/56

REP G2=(1-2) CH2

NODE ATTRIBUTES:

CONNECT IS E3 RC AT 40

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED



GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 52

STEREO ATTRIBUTES: NONE  
L5 20 SEA FILE=REGISTRY SUB=L2 SSS FUL L3

100.0% PROCESSED 2629 ITERATIONS 20 ANSWERS  
SEARCH TIME: 00.00.01

=> => d his

(FILE 'HOME' ENTERED AT 06:23:19 ON 07 SEP 2006)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 06:24:09 ON 07 SEP 2006

```

L1      QUERY (R.R){2-10}R|(R.){3-10}R|(R..){2-10}R|(R...){2-10}R/SQSP
L2      621096 S L1
L3      STR
L4      0 S L3 SAM SUB=L2
L5      20 S L3 FUL SUB=L2
        SAV L5 GUDIB078/A
L6      0 S L5 AND AMINOHEX?
L7      STR
L8      0 S L7
L9      STR L7
L10     1 S L9
L11     STR L9
L12     50 S L11
L13     STR L11
L14     50 S L13
L15     3452 S L13 FUL
        SAV L15 GUDIB078A/A
L16     365 S L2 AND L15
L17     STR L13
L18     7 S L17 SAM SUB=L15
L19     STR L17
L20     1 S L19 CSS SAM SUB=L15
L21     75 S L19 CSS FUL SUB=L15
        SAV L21 GUDIB078B/A
L22     25 S L21 NOT AMINOHEXANOYL
L23     50 S L21 NOT L22
L24     1 S L23 AND C78H152N34O14
L25     1 S L23 AND C105H175N37O19S
L26     2 S L24,L25 AND L2
L27     12635 S L2 AND 7-41/SQL
L28     12396 S L27 NOT MULTICHAIN/NTE
L29     QUERY ^(R.R){2-10}R^|^(R.){3-10}R^|^(R..){2-10}R^|^(R...){2-10}
L30     363 S L29
        SAV L30 GUDIB078C/A

```

FILE 'HCAPLUS' ENTERED AT 07:23:49 ON 07 SEP 2006

```

L31     2 S L26
L32     375 S L30
L33     2 S L31 AND (WENDER? OR ROTHBARD? OR WRIGHT? OR KREIDER? OR VANDE
L34     17 S L32 AND (WENDER? OR ROTHBARD? OR WRIGHT? OR KREIDER? OR VANDE
L35     14 S L34 AND (PY<=2001 OR PRY<=2001 OR AY<=2001)
L36     15 S L35,L33

```

L37 13 S L36 NOT L33  
L38 160 S L32 AND (PY<=2001 OR PRY<=2001 OR AY<=2001) NOT L36  
E BIOLOGICAL TRANSPORT/CT  
E E3+ALL  
L39 317579 S E4+NT  
E DRUG DELIVERY/CT  
E E7+ALL  
L40 211643 S E2+OLD,NT  
L41 13 S L36 AND L39,L40  
L42 8 S L36 AND ?CONJUGAT?  
L43 15 S L36,L41,L42  
L44 56 S L38 AND L39,L40  
L45 32 S L38 AND ?CONJUGAT?  
L46 71 S L44,L45  
L47 6 S L46 NOT P/DT  
L48 65 S L46 NOT L47  
L49 47 S L48 AND (PD<=20010216 OR PRD<=20010216 OR AD<=20010216)  
L50 53 S L47,L49  
SAV L50 GUDIB078D/A

FILE 'REGISTRY' ENTERED AT 07:29:07 ON 07 SEP 2006

FILE 'HCAPLUS' ENTERED AT 07:30:10 ON 07 SEP 2006

L51 8 S L5  
L52 7 S L51 AND (PY<=2001 OR PRY<=2001 OR AY<=2001)  
L53 1 S L52 NOT P/DT  
L54 7 S L52 AND (PD<=20010216 OR PRD<=20010216 OR AD<=20010216)  
L55 7 S L53,L54  
L56 4 S L55 AND L36  
L57 15 S L36,L56  
L58 3 S L55 NOT L57  
L59 56 S L50,L58

SAV L59 GUDIB078E/A

SAV L57 GUDIB078F/A

=> => fil hcaplus

FILE 'HCAPLUS' ENTERED AT 07:33:19 ON 07 SEP 2006

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